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**\*\* WARNING \*\* WARNING \*\* WARNING \*\* WARNING \*\***  
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June 9, 2004

11-SD-5, 163-R25.7/R26.7, 1.0/6.4  
11-207914  
ACIM-005-1(595)15E  
ACSTP-S163(024)E

Addendum No. 2

Dear Contractor:

This addendum is being issued to the contract for construction on State highway in SAN DIEGO COUNTY IN SAN DIEGO ON ROUTE 5 FROM ROUTE 5/163 SEPARATION TO FIRST AVENUE OVERCROSSING AND ON ROUTE 163 FROM ASH STREET TO SAN DIEGO RIVER BRIDGE.

Submit bids for this work with the understanding and full consideration of this addendum. The revisions declared in this addendum are an essential part of the contract.

Bids for this work will be opened on September 23, 2004, instead of the original date of July 29, 2004.

This addendum is being issued to set a new bid opening date as shown herein and revise the Project Plans, the Notice to Contractors and Special Provisions, and the Proposal and Contract.

Project Plan Sheets 8, 13 thru 18, 85 thru 89, 92, 94, 95, 98, 100, 101, 104, and 105 are revised. Half-sized copies of the revised sheets are attached for substitution for the like-numbered sheets.

Project Plan Sheets 90, 91, 93, 96, 97, 99, 102, 103, 108, and 109 are deleted.

In the Special Provisions, Section 4, "BEGINNING OF WORK, TIME OF COMPLETION AND LIQUIDATED DAMAGES," the second and third paragraphs are replaced as follows:

"The Contractor shall begin work on January 17, 2005 or within 15 calendar days after the contract has been approved by the Attorney General or the attorney appointed and authorized to represent the Department of Transportation, whichever occurs later.

The work, except plant establishment work, shall be diligently prosecuted to completion before the expiration of **the NUMBER OF WORKING DAYS BID** beginning on January 17, 2005 or the fifteenth calendar day after approval of the contract, whichever occurs later."

In the Special Provisions, Section 5-1.16, "PAYMENTS," the following is added to the end of the second paragraph:

"C. Lead Compliance Plan \$5,000"

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In the Special Provisions, Section 5-1.16, "PAYMENTS," the following is deleted from the end of the fourth paragraph:

"D. Irrigation Controller Enclosure Cabinet (Type B)"

In the Special Provisions, Section 5-1.19, "ENVIRONMENTALLY SENSITIVE AREA," the first paragraph is replaced as follows:

"Attention is directed to the designated Environmentally Sensitive Areas (ESAs) shown on the plans. The exact location of the boundaries of the ESAs will be determined by the Engineer."

In the Special Provisions, Section 5-1.19, "ENVIRONMENTALLY SENSITIVE AREA," the third paragraph is deleted.

In the Special Provisions, Section 8-1.03, "STATE FURNISHED MATERIALS," in the second paragraph, the following two subparagraphs are deleted:

"C. Padlocks for irrigation controller enclosure cabinets."

"D. Reflective barrier markers."

In the Special Provisions, Section 8-1.03, "STATE FURNISHED MATERIALS," the following is added to the end of the second paragraph:

"C. Reflective barrier markers."

In the Special Provisions, Section 10-1.01, "ORDER OF WORK," the eighth paragraph is deleted.

In the Special Provisions, Section 10-1.01, "ORDER OF WORK," the thirtieth paragraph that begins "Not less than 60 days prior to applying seeds..." is deleted.

In the Special Provisions, Section 10-1.04, "TEMPORARY FENCE (TYPE ESA)," is deleted.

In the Special Provisions, Section 10-1.07, "COOPERATION," the second paragraph is replaced as follows:

"It is anticipated that work by another contractor (Contract No. 11-258014) to install new median guardrail on Route 163 from 0.5 km north of Route 5/163 Separation to 0.2 km south of Robinson Avenue Overcrossing (KP 1.9 to KP 3.9), and (Contract No. 11-253004) for roadway rehabilitation on Route 5 from Grape Street Undercrossing to Laurel Street Undercrossing (KP R27.0 to KP R27.7), may be in progress adjacent to or within the limits of this project during progress of the work on this contract."

In the Special Provisions, Section 10-1.26, "EXISTING HIGHWAY FACILITIES," the following paragraph is added after the first paragraph:

"Attention is directed to Section 10-1.07, "COOPERATION," regarding other contracts within the limits of this project that will be installing features adjacent to the traveled way."

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In the Special Provisions, Section 10-1.29, "MATERIAL CONTAINING AERIALY DEPOSITED LEAD," the third paragraph is replaced with the following paragraph:

"Type Z-2 material contains aerially deposited lead in average concentrations (1) greater than or equal to 1000 mg/kg Total Lead, or (2) greater than or equal to 5.0 mg/L Soluble Lead, as tested using the California Waste Extraction Test, and the material is surplus, or (3) greater than or equal to 5.0 mg/L Soluble Lead and greater than 350 mg/kg Total Lead, as tested using the California Waste Extraction Test. Type Z-2 material exists between 0.0 m and 6.0 m, measured horizontally from the edges of existing pavement, at Station 26+72 (15.5 m right of "SD-163"), 26+76 (15.6 m left of "SD-163"), 28+50 (15.6 m right of "SD-163"), 29+94 (15.5 m right of "SD-163"), 30+22 (15.6 m left of "SD-163"), 31+40 (15.6 left of "SD-163"), 32+00 (15.6 right of "SD-163"), 32+82 (15.6 m left of "SD-163"), 32+99 (15.5 m right "SD-163"), 42+20 (15.6 m right of "SD-163"), 44+05 (9.1 m left of "SD-163"), and 45+60 (15.6 right "SD-163"), and from a depth of 0.0 m to 0.55 m below existing grade, or as shown on the plans. These materials are hazardous waste regulated by the State of California and shall be transported to and disposed of at a Class 1 Disposal Site or placed on-site in accordance with the Department of Toxic Substances Control. When material is placed on-site it shall be placed beneath 0.3 meters of clean fill material or when placed beneath pavement it shall be buried at least 1.5 meters above the maximum groundwater level. If materials excavated from these areas are disposed of it shall be transported by a hazardous waste transporter registered with the Department of Toxic Substances Control using the required procedures for creating a manifest of materials. The vehicles used to transport the hazardous materials shall conform to the current certifications of compliance of the Department of Toxic Substances Control."

In the Special Provisions, Section 10-1.30, "TURF (SEED)," is deleted.

In the Special Provisions, Section 10-1.36, "REPLACE CONCRETE PAVEMENT (RAPID STRENGTH CONCRETE)," the subsection, "REMOVE EXISTING PAVEMENT AND BASE MATERIALS," is replaced with the following subsection:

**"REMOVING EXISTING PAVEMENT AND BASE MATERIALS**

Exact limits of concrete pavement to be replaced will be determined by the Engineer.

Existing concrete pavement and underlying base material—shall be removed and replaced with base material and RSC pavement within the same work period. In the event existing pavement or base materials are removed and the Contractor is unable to construct, finish, and cure RSC pavement prior to the specified traffic opening time, a temporary roadway structural section shall be constructed.

The outline of concrete pavement to be removed shall be sawed full depth with a power-driven saw except where the pavement is located adjacent to an asphalt concrete shoulder. Saw cuts within concrete pavement slabs shall be cut no more than 2 days prior to concrete pavement slab removal. Saw cuts made in work shifts prior to the actual removal work shift shall not be made parallel or diagonal to the traveled way and shall be cut so that traffic will not dislodge any pieces or segments.

Concrete pavement shall be removed by non-impacting methods. Each pavement panel shall be removed in one or more pieces without disturbance or damage to the underlying base.

Equipment used to remove concrete pavement within the sawed outline, shall not impact the surface of the concrete to be removed within 0.5-m of pavement to remain in place. Pavement and base removal shall be performed without damage to pavement or base to remain in place. Damage to pavement or base to remain in place, shall be repaired or removed and replaced. Repair, or removal and replacement of the damaged pavement and base shall be at the Contractor's expense and will not be measured nor paid for.

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Removed materials shall be disposed of in conformance with the provisions in Section 7-1.13, "Disposal of Material Outside the Highway Right of Way," of the Standard Specifications.

The material remaining in place, after removing pavement and base to the required depth, shall be graded to a uniform plane, moisture conditioned, and compacted by methods that will produce a firm and stable base. The finished surface of the remaining material shall not extend above the grade established by the Engineer. Areas that are low as a result of over excavation during base removal shall be filled, at the Contractor's expense, with base replacement material at the time and in the same operation that the base replacement layer is placed."

In the Special Provisions, Section 10-1.38, "GRIND EXISTING CONCRETE PAVEMENT," the ninth paragraph is revised as follows:

"Locations shall be as shown in the plans and as directed by the Engineer."

In the Special Provisions, Section 10-1.39, "CONCRETE STRUCTURES," the first paragraph is revised as follows:

"Portland cement concrete structures shall conform to the provisions in Section 51, "Concrete Structures," of the Standard Specifications."

In the Special Provisions, Section 10-2.01, "GENERAL," subsection, "COST BREAK-DOWN," "HIGHWAY PLANTING COST BREAK-DOWN," table is replaced as attached.

In the Special Provisions, Section 10-2.01, "GENERAL," subsection, "COST BREAK-DOWN," "IRRIGATION SYSTEM COST BREAK-DOWN," table is replaced as attached.

In the Special Provisions, Section 10-2.03, "EXISTING HIGHWAY IRRIGATION FACILITIES," subsection, "REMOVE EXISTING IRRIGATION FACILITIES," the third paragraph is revised as follows:

"Existing valves, and sprinklers, where shown on the plans to be removed, shall be salvaged."

In the Special Provisions, Section 10-2.04, "HIGHWAY PLANTING," the following paragraph is added after the first paragraph:

"Requests for substitution of plant materials will not be approved."

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In the Special Provisions, Section 10-2.04, "HIGHWAY PLANTING," in the subsection, "HIGHWAY PLANTING MATERIALS," the following paragraph and table are added immediately following the table for "Commercial Fertilizer (Slow Release)":

**"Commercial Fertilizer (Packets)"**

Commercial fertilizer (packet) shall be slow or controlled release and shall be in a biodegradable packet form. The packet shall gradually release nutrients over a 12-month period. Each packet shall have a mass of  $10 \text{ g} \pm 1 \text{ g}$  and shall have the following guaranteed chemical analysis:"

Ingredient	Percentage
Nitrogen	20
Phosphoric Acid	10
Water Soluble Potash	5

In the Special Provisions, Section 10-2.04, "HIGHWAY PLANTING," in the subsection, "ROADSIDE CLEARING," the second paragraph, subsection, A. is revised as follows:

"A. Existing ground cover and shrubs, where shown on the plans to be removed, shall be removed."

In the Special Provisions, Section 10-2.04, "HIGHWAY PLANTING," the subsection, "CULTIVATE," is deleted.

In the Special Provisions, Section 10-2.04, "HIGHWAY PLANTING," in subsection, "PLANT ESTABLISHMENT WORK," the fifth paragraph is revised as follows:

"Weeds within ground cover areas and outside of plant basins shall be controlled by killing."

In the Special Provisions, Section 10-2.04, "HIGHWAY PLANTING," in subsection, "PLANT ESTABLISHMENT WORK," the ninth and tenth paragraphs are deleted.

In the Special Provisions, Section 10-2.05, "IRRIGATION SYSTEMS," in subsection, "ELECTRIC AUTOMATIC IRRIGATION COMPONENTS," the sub-subsection, "Irrigation Controllers," is deleted.

In the Special Provisions, Section 10-2.05, "IRRIGATION SYSTEMS," in subsection, "FINAL IRRIGATION SYSTEM CHECK," the third paragraph is revised as follows:

"Remote control valves connected to existing irrigation controllers shall be checked for automatic performance when the controllers are in the automatic mode."

In the Special Provisions, Section 10-3.01, "DESCRIPTION," the first paragraph is revised as follows:

"Modifying traffic monitoring stations (count), inductive loop detectors and sign illumination shall conform to the provisions in Section 86, "Signals, Lighting and Electrical Systems," of the Standard Specifications and these special provisions."

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In the Special Provisions, Section 10-3.06, "IRRIGATION CONTROLLER ENCLOSURE CABINET," is deleted.

In the Special Provisions, Section 10-3.10, "PAYMENT," the second and third paragraphs are deleted.

In the Proposal and Contract, the Engineer's Estimate Items 4, 21, 23, and 48 are revised, and Items 3, 30, 31, 32, 33, 34, and 77 are deleted as attached.

To Proposal and Contract book holders:

Replace the entire Engineer's Estimate in the Proposal with the attached revised Engineer's Estimate. The revised Engineer's Estimate is to be used in the bid.

Indicate receipt of this addendum by filling in the number of this addendum in the space provided on the signature page of the proposal.

Submit bids in the Proposal and Contract book you now possess. Holders who have already mailed their book will be contacted to arrange for the return of their book.

Inform subcontractors and suppliers as necessary.

This office is sending this addendum by UPS overnight mail to Proposal and Contract book holders to ensure that each receives it. A copy of this addendum and the modified wage rates are available for the contractor's use on the Internet Site:

**[http://www.dot.ca.gov/hq/esc/oe/weekly\\_ads/addendum\\_page.html](http://www.dot.ca.gov/hq/esc/oe/weekly_ads/addendum_page.html)**

If you are not a Proposal and Contract book holder, but request a book to bid on this project, you must comply with the requirements of this letter before submitting your bid.

Sincerely,

ORIGINAL SIGNED BY

REBECCA D. HARNAGEL, Chief  
Office of Plans, Specifications & Estimates  
Office Engineer

Attachments

## HIGHWAY PLANTING COST BREAK-DOWN

Contract No. 11-207914

UNIT DESCRIPTION	UNIT	APPROXIMATE QUANTITY	VALUE	AMOUNT
ROADSIDE CLEARING	LS	LUMP SUM		
COMMERCIAL FERTILIZER (SLOW RELEASE)	KG	234		
PLANT (GROUP F)	EA	41,305		
PLANT (GROUP H)	EA	46,335		
PLANT (GROUP B)	EA	50		
MULCH	M3	3		
COMMERCIAL FERTILIZER (PACKET)	EA	150		
IRON SULFATE	KG	6		

**TOTAL** \_\_\_\_\_

CONTRACT NO. 11-207914  
REPLACED PER ADDENDUM NO. 2 DATED JUNE 9, 2004

## IRRIGATION SYSTEM COST BREAK-DOWN

Contract No. 11-207914

UNIT DESCRIPTION	UNIT	APPROXIMATE QUANTITY	VALUE	AMOUNT
CHECK, TEST, REMOVE AND SALVAGE EXISTING IRRIGATION FACILITIES	LS	LUMP SUM		
CONTROL AND NEUTRAL CONDUCTORS	LS	LUMP SUM		
25 MM REMOTE CONTROL VALVE	EA	3		
40 MM REMOTE CONTROL VALVE	EA	5		
50 MM GATE VALVE	EA	1		
25 MM PLASTIC PIPE (SUPPLY LINE) (PR-200)	M	530		
32 MM PLASTIC PIPE (SUPPLY LINE) (PR-200)	M	192		
40 MM PLASTIC PIPE (SUPPLY LINE) (PR-200)	M	96		
50 MM PLASTIC PIPE (SUPPLY LINE) (PR-200)	M	50		
65 MM PLASTIC PIPE (SUPPLY LINE) (PR-200)	M	370		
SPRINKLER (TYPE A-7)	EA	35		
SPRINKLER (TYPE B-2)	EA	11		
SPRINKLER (TYPE C-2)	EA	194		

CONTRACT NO. 11-207914  
REPLACED PER ADDENDUM NO. 2 DATED JUNE 9, 2004



**ENGINEER'S ESTIMATE****11-207914**

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
1	070012	PROGRESS SCHEDULE (CRITICAL PATH METHOD)	LS	LUMP SUM	LUMP SUM	
2	070018	TIME-RELATED OVERHEAD	LS	LUMP SUM	LUMP SUM	
3	BLANK					
4	074017	PREPARE WATER POLLUTION CONTROL PROGRAM	LS	LUMP SUM	LUMP SUM	
5 (S)	074020	WATER POLLUTION CONTROL	LS	LUMP SUM	LUMP SUM	
6	032644	TEMPORARY CONCRETE WASHOUT (PORTABLE)	LS	LUMP SUM	LUMP SUM	
7 (S)	120090	CONSTRUCTION AREA SIGNS	LS	LUMP SUM	LUMP SUM	
8 (S)	120100	TRAFFIC CONTROL SYSTEM	LS	LUMP SUM	LUMP SUM	
9 (S)	120151	TEMPORARY TRAFFIC STRIPE (TAPE)	M	350		
10 (S)	120166	CHANNELIZER (SURFACE MOUNTED) (LEFT IN PLACE)	EA	45		
11 (S)	120300	TEMPORARY PAVEMENT MARKER	EA	18		
12 (S)	128650	PORTABLE CHANGEABLE MESSAGE SIGN	EA	6		
13 (S)	129000	TEMPORARY RAILING (TYPE K)	M	120		
14 (S)	032645	TRAFFIC PLASTIC DRUM	EA	4		
15 (S)	032646	TEMPORARY CRASH CUSHION (ADIEM)	EA	1		
16	150662	REMOVE METAL BEAM GUARD RAILING	M	170		
17	150710	REMOVE TRAFFIC STRIPE	M2	26		
18	150742	REMOVE ROADSIDE SIGN	EA	15		
19	150763	REMOVE SIGN PANEL	EA	10		
20	150771	REMOVE ASPHALT CONCRETE DIKE	M	4620		

**ENGINEER'S ESTIMATE****11-207914**

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
21 (S)	151625	RECONSTRUCT METAL BEAM GUARD RAILING (WOOD POST)	M	1580		
22	152390	RELOCATE ROADSIDE SIGN	EA	2		
23 (S)	152641	MODIFY SIGN STRUCTURE	EA	7		
24 (S)	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	M2	92 100		
25	160101	CLEARING AND GRUBBING	LS	LUMP SUM	LUMP SUM	
26	190101	ROADWAY EXCAVATION	M3	1050		
27	190105	ROADWAY EXCAVATION (TYPE Z-2) (AERIALY DEPOSITED LEAD)	M3	870		
28	190110	LEAD COMPLIANCE PLAN	LS	LUMP SUM	LUMP SUM	
29 (S)	200001	HIGHWAY PLANTING	LS	LUMP SUM	LUMP SUM	
30	BLANK					
31	BLANK					
32	BLANK					
33	BLANK					
34	BLANK					
35 (S)	204099	PLANT ESTABLISHMENT WORK	LS	LUMP SUM	LUMP SUM	
36 (S)	208000	IRRIGATION SYSTEM	LS	LUMP SUM	LUMP SUM	
37	374002	ASPHALTIC EMULSION (FOG SEAL COAT)	TONN	16		
38	390155	ASPHALT CONCRETE (TYPE A)	TONN	6800		
39	390206	RUBBERIZED ASPHALT CONCRETE (TYPE G)	TONN	9090		
40	394001	PLACE ASPHALT CONCRETE DIKE	M	4620		

# ENGINEER'S ESTIMATE

11-207914

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
41	394002	PLACE ASPHALT CONCRETE (MISCELLANEOUS AREA)	M2	160		
42	394052	SHOULDER RUMBLE STRIP (AC, ROLLED-IN INDENTATIONS)	STA	36		
43	397001	ASPHALTIC EMULSION (PAINT BINDER)	TONN	34		
44	401108	REPLACE CONCRETE PAVEMENT (RAPID STRENGTH CONCRETE)	M3	870		
45	404092	SEAL PAVEMENT JOINT	M	21 600		
46 (S)	420201	GRIND EXISTING CONCRETE PAVEMENT	M2	62 200		
47 (F)	510502	MINOR CONCRETE (MINOR STRUCTURE)	M3	14		
48 (F)	560218	FURNISH SIGN STRUCTURE (TRUSS)	KG	1127		
49	566011	ROADSIDE SIGN - ONE POST	EA	8		
50	566012	ROADSIDE SIGN - TWO POST	EA	19		
51	568001	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)	EA	1		
52 (S)	032652	INSTALL SIGN PANEL ON EXISTING SIGN STRUCTURE	M2	160		
53	568017	INSTALL ROADSIDE SIGN PANEL ON EXISTING POST	EA	29		
54	652359	450 MM REINFORCED CONCRETE PIPE (CLASS III, RUBBER GASKET JOINT)	M	13		
55	652361	600 MM REINFORCED CONCRETE PIPE (CLASS III, RUBBER GASKET JOINT)	M	8		
56	731502	MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION)	M3	110		
57 (S-F)	750001	MISCELLANEOUS IRON AND STEEL	KG	963		
58 (S)	032653	MISCELLANEOUS METAL (STEEL PLATE)	KG	500		
59	032654	CONCRETE BARRIER MARKER	EA	29		
60	820107	DELINEATOR (CLASS 1)	EA	560		

# ENGINEER'S ESTIMATE

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Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
61	820118	GUARD RAILING DELINEATOR	EA	200		
62	820130	OBJECT MARKER	EA	2		
63 (S)	839559	TERMINAL SYSTEM (TYPE ET)	EA	8		
64 (S)	839565	TERMINAL SYSTEM (TYPE SRT)	EA	38		
65 (S)	839568	TERMINAL ANCHOR ASSEMBLY (TYPE SFT)	EA	36		
66 (S)	839601	CRASH CUSHION (TYPE CAT)	EA	2		
67 (S)	839602	CRASH CUSHION (TYPE CAT) BACKUP	EA	2		
68	839701	CONCRETE BARRIER (TYPE 60)	M	67		
69 (S)	840515	THERMOPLASTIC PAVEMENT MARKING	M2	200		
70 (S)	840563	200 MM THERMOPLASTIC TRAFFIC STRIPE	M	2840		
71 (S)	840564	200 MM THERMOPLASTIC TRAFFIC STRIPE (BROKEN 3.66 M - 0.92 M)	M	1300		
72 (S)	840571	100 MM THERMOPLASTIC TRAFFIC STRIPE (BROKEN 5.18 M - 2.14 M)	M	270		
73 (S)	840656	PAINT TRAFFIC STRIPE (2-COAT)	M	32 800		
74 (S)	850101	PAVEMENT MARKER (NON-REFLECTIVE)	EA	6320		
75 (S)	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	3200		
76 (S)	860501	SIGN ILLUMINATION	LS	LUMP SUM	LUMP SUM	
77	BLANK					
78 (S)	860810	INDUCTIVE LOOP DETECTOR	EA	34		
79 (S)	860890	MODIFY TRAFFIC MONITORING STATION (COUNT)	LS	LUMP SUM	LUMP SUM	
80	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

ENGINEER'S ESTIMATE  
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**TOTAL BID (A):** = \_\_\_\_\_

**TOTAL BID (B):**

**\$13,200.00**      **X**      \_\_\_\_\_      **=**      \_\_\_\_\_  
(Cost Per Day)      (Enter Working Days Bid)  
                                 (Not To Exceed 130 Days)

**TOTAL BASIS FOR COMPARISON  
OF BIDS:**

**(A + B):** \_\_\_\_\_

**TOTAL BID:** \_\_\_\_\_